

Permit #: 20021

Date Issued: 10-22-81

County: Bates

Date Cancelled: _____

CONFIDENTIAL, UNTIL: _____

Date Plugged: 2-18-82

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	10-15-81
3i	
4	10-18-81
4i	
5	
6	
7	4-2-84
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples			
	chip		
	core		
Analyses			
	water		
	core		
Additional Submitted Data:			

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐NAME OF COMPANY OR OPERATOR L & B Leasing, Inc. DATE 10/12/81
P.O. Box 153 Hutchinson, Kansas 67501

Address

City

State

DESCRIPTION OF WELL AND LEASE

Name of lease Miller	Well number #1	Elevation (ground) 795.0'
WELL LOCATION (give footage from section lines) 64.31 ft. from (S) sec. line 907.64' from (E) sec. line		
WELL LOCATION Section 14 Township 38N Range 31W	County Bates	
Nearest distance from proposed location to property or lease line: 907.64 feet	Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: 0 feet	
Proposed depth: 5,000 ft.	Rotary or Cable tools Rotary	Approx. date work will start October 26, 1981
Number of acres in lease: 160 acres	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1 Number of abandoned wells on lease: 1	
If lease, purchased with one or more wells drilled, from whom purchased: Name N/A Address _____	No. of Wells: producing _____ inactive _____ abandoned 1	
Status of Bond Single Well <input type="checkbox"/> Amt. _____	Blanket Bond <input checked="" type="checkbox"/> Amt. 40,000 <input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED	
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.		
Proposed casing program: amt. 80' size 85/8" wt./ft. 22# cem. 50 sx		Approved casing - To be filled in by State Geologist amt. size wt./ft. cem. _____ _____ _____ _____
I, the undersigned, state that I am the Geologist of the L & B Leasing, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Signature Greg Doiel		

Permit Number 20021Approval Date: 10/22/81Approved By: Wallace B. Howe

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned for driller's signature☒ SAMPLES REQUIRED☐ SAMPLES NOT REQUIREDWATER SAMPLES REQUIRED ☐

RECEIVED

OCT 15 1981

MO. OIL & GAS COUN

Form OGC-4

Lease Name: MILLER

County: Bates

of Sec. 14, Twp. 38 N., Range 31 W.



907.64

Proposed Well

265'

N 43° E

NW 1/4
SEC. 14, T38N, R31W
Mrs. Clyde Miller Tract

Lease Line

REMARKS:

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

above plat

RECEIVED

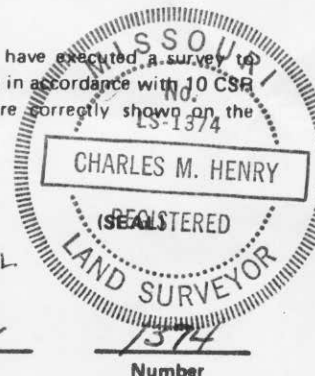
OCT 16 1981

MO. OIL & GAS COUNCIL

Charles M. Henry
Registered Land Surveyor

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, Mo. 65401

One will be returned.



**MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD**

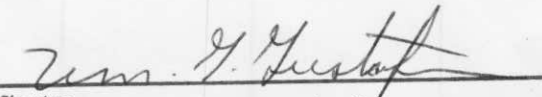
Form OGC-7

Owner Petra Resources, Inc.				Address 420 West Main Street, #1000 Oklahoma City, OK 73102	
Name of Lease Miller			Well No. 1-14		
Location of Well				Sec-Twp-Rge or Block & Survey Sec. 14-T38N-R31W	County Bates
Application to drill this well was filed in name of		Has this well ever produced oil or gas no	Character of well at completion (initial production) Oil (bbls/day) Gas (MCF/day)		Dry? yes
Date Abandoned: 2-18-82		Total depth 3500'	Amount well producing prior to abandonment. Oil (bbls/day) Gas (MCF/day) na na		Water (bbls./day) na
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of abandonment		Fluid content of each formation		Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
Was well filled with mud-laden fluid?				Indicate deepest formation containing fresh water.	
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
Method of disposal of mud pit contents:					
Use reverse side for additional detail					
File this form in duplicate with					

CERTIFICATE: I, the undersigned, state that I am the President of the Petra Resources, Inc. (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

RECEIVED

APR 02 1984


 Signature **Wm. G. Gustafson**

MO. OIL & GAS COUNCIL

Remit two copies; one will be returned

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
			<p><u>Details of Plugging</u></p> <p>Plug #1: Set at 1400-1485' with 25 sacks class "H" regular cement (base-ment/Lamotte interfaced @ 1420')</p> <p>Plug #2: Set at 800-625' with 50 sacks class "H" regular cement (Roubidoux sand interval 693-767')</p> <p>Plug #3: Set at 490-400' with 25 sacks class "H" regular cement (Potter For-mation top at 420')</p> <p>Plug #4: Set at 260-160' with 25 sacks class "H" regular cement (Pennsylvanian/Mississippi interfaced at 190'; based with 8-5/8" casing at 235')</p> <p>Plug #5: Set at 30-3' with 10 sacks class "H" regular cement.</p> <p>###</p>

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

Temporary No. _____

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Bates
 COMPANY OR OWNER Petra Resources, Inc. *L & B Leasing*
 FARM Miller WELL NO. 1-14
 LOCATION 64' fsl, 907' fel SEC 14 T 38 N R 31 W
 CONTRACTOR/DRILLER Clint's Rotary Drilling
 COMMENCED _____ COMPLETED 2-18-82
 PRODUCTION none
 CASING RECORD _____
 WATER RECORD _____
 SOURCE OF LOG form OGC-7, permit #20021
 REMARKS Dry Hole

MGS LOG NO. _____

- + -	- + -	- + -	- + -
- + -	- + -	- + -	- + -
- + -	- + -	- + -	- + -
- + -	- + -	- + -	- + -
- + -	- + -	- + -	- + -

NO. SAMPLES _____ SAMPLES RECEIVED _____

ELEV. 795'
 TOTAL DEPTH 3500'
 SWL _____

FORMATION	FROM (ft)	TO (to)	FORMATION	FROM (ft)	TO (to)
Alluvium	0	10	Dolo, chrt, sandy at 784-790	768	1044
Clay, gy-grn	10	90	Dolo, chrt, sandy	1044	1080
Ss, vf, gy, mic, sli limy, sub rnd, glsy	90	96	Dolo, chrt	1080	1170
Clay, gy, pyr, mic	96	102	Ss	1170	1172
Coal	102	104	Dolo, chrt	1172	1304
Clay	104	106	Dolo, v. sandy, sli chrt	1304	1358
Ss, vf, sub rnd, por, mic, sli limy	106	122	Dolo, sli. sandy, sli. chrt	1358	1420
Sh, dk gy	122	134	Ss, v. fine to fine, pyr, sh at 1532' to 1544'	1420	1596
Siltstone	134	138	Ss, chert	1596	1608
Sh, v. hard, gy	138	156	Ss, v. fine, wht to gy	1608	1986
Siltstone	156	170	Quartzite; mic, wht, pk clr, nearly pure qtz marx, recrystalized grains, sil. cement--filling voids, bio mica in thin bands	1986	3500
Dolo, dense, wht, pyr, chrt vugs	170	180	TD		3500
Coal	180	182			
Dolo, as above	182	186			
Ls, sandy	186	190			
Dolo, a/a	190	200			
Ls, sandy	200	210			
Ls, sandy, chert	210	216			
Ls, sandy	216	294			
Ls, sandy, vugs	294	300			
Ls, sandy, shaley	300	312			
Ls, sandy	312	322			
Ls, sandy, chert	322	354			
Dolo, sandy, chert, vugs	354	416			
Sh	416	418			
Dolo, a/a w/ shale strings	418	694			
Ss, wht, rnd, frost	694	710			
Dolo, chert, dense	710	754			
Ss, wht, rnd, fine to med	754	768			